Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1. (currently amended) A method ~~(200)~~ for performing channel detection, comprising:

tuning a first frequency channel ~~(202)~~;

determining whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold ~~(203)~~; and

enabling a first channel acquisition operation responsive to determining that said signal parameter exceeds said predetermined threshold ~~(207)~~.

2. (currently amended) The method ~~(200)~~ of claim 1, further comprised of enabling a second channel acquisition operation after enabling said first channel acquisition operation ~~(212)~~.

3. (currently amended) The method ~~(200)~~ of claim 2, wherein:

said first channel acquisition operation includes acquisition of a digital broadcast channel; and

said second channel acquisition operation includes acquisition of an analog broadcast channel.

4. (currently amended) The method ~~(200)~~ of claim 3, wherein:

said digital broadcast channel is an ATSC channel; and

said analog broadcast channel is an NTSC channel.

5. (currently amended) The method ~~(200)~~ of claim 2, wherein:

said first channel acquisition operation includes acquisition of an analog broadcast channel; and

said second channel acquisition operation includes acquisition of a digital broadcast channel.

6. (currently amended) The method ~~(200)~~ of claim 5, wherein:
said analog broadcast channel is an NTSC channel; and
said digital broadcast channel is an ATSC channel.

7. (currently amended) The method ~~(200)~~ of claim 1, further comprised of tuning a second frequency channel responsive to determining that said signal parameter does not exceed said predetermined threshold ~~(202)~~.

8. (currently amended) The method ~~(200)~~ of claim 1, wherein said signal parameter includes amplitude.

9. (currently amended) The method ~~(200)~~ of claim 1, wherein said predetermined threshold varies based on signal source.

10. (currently amended) The method ~~(200)~~ of claim 1, wherein said predetermined threshold varies based on signal modulation.

11. (currently amended) An apparatus ~~(100)~~ for performing channel detection, comprising:

tuning means ~~(10)~~ for tuning a first frequency channel; and

processing means ~~(36)~~ for determining whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold, and for enabling a first channel acquisition operation responsive to determining that said signal parameter exceeds said predetermined threshold.

12. (currently amended) The apparatus ~~(100)~~ of claim 11, wherein said processing means ~~(36)~~ further enables a second channel acquisition operation after enabling said first channel acquisition operation.

13. (currently amended) The apparatus ~~(100)~~ of claim 12, wherein:

said first channel acquisition operation includes acquisition of a digital broadcast channel; and

said second channel acquisition operation includes acquisition of an analog broadcast channel.

14. (currently amended) The apparatus ~~(100)~~ of claim 13, wherein:

said digital broadcast channel is an ATSC channel; and

said analog broadcast channel is an NTSC channel.

15. (currently amended) The apparatus ~~(100)~~ of claim 12, wherein:

said first channel acquisition operation includes acquisition of an analog broadcast channel; and

said second channel acquisition operation includes acquisition of a digital broadcast channel.

16. (currently amended) The apparatus ~~(100)~~ of claim 15, wherein:

said analog broadcast channel is an NTSC channel; and

said digital broadcast channel is an ATSC channel.

17. (currently amended) The apparatus ~~(100)~~ of claim 11, wherein said tuning means ~~(10)~~ tunes a second frequency channel responsive to said processing means ~~(36)~~ determining that said signal parameter does not exceed said predetermined threshold.

18. (currently amended) The apparatus ~~(100)~~ of claim 11, wherein said signal parameter includes amplitude.

19. (currently amended) The apparatus ~~(100)~~ of claim 11, wherein said predetermined threshold varies based on signal source.

20. (currently amended) The apparatus ~~(100)~~ of claim 11, wherein said predetermined threshold varies based on signal modulation.

21. (currently amended) A television signal receiver ~~(100)~~, comprising:

a tuner ~~(10)~~ operative to tune a first frequency channel;

a processor ~~(36)~~ operative to determine whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold; and

a first demodulator ~~(32 or 34)~~ operative to perform a first channel acquisition operation responsive to said processor ~~(36)~~ determining that said signal parameter exceeds said predetermined threshold.

22. (currently amended) The television signal receiver ~~(100)~~ of claim 21, further comprising a second demodulator ~~(32 or 34)~~ operative to perform a second channel acquisition operation after said first demodulator ~~(32 or 34)~~ performs said first channel acquisition operation.

23. (currently amended) The television signal receiver ~~(100)~~ of claim 22, wherein:

said first channel acquisition operation includes acquisition of a digital broadcast channel; and

said second channel acquisition operation includes acquisition of an analog broadcast channel.

24. (currently amended) The television signal receiver ~~(100)~~ of claim 23, wherein:

said digital broadcast channel is an ATSC channel; and

said analog broadcast channel is an NTSC channel.

25. (currently amended) The television signal receiver ~~(100)~~ of claim 22, wherein:

said first channel acquisition operation includes acquisition of an analog broadcast channel; and

said second channel acquisition operation includes acquisition of a digital broadcast channel.

26. (currently amended) The television signal receiver ~~(100)~~ of claim 25, wherein:

said analog broadcast channel is an NTSC channel; and

said digital broadcast channel is an ATSC channel.

27. (currently amended) The television signal receiver ~~(100)~~ of claim 21, wherein said tuner ~~(10)~~ is further operative to tune a second frequency channel responsive to said processor ~~(36)~~ determining that said signal parameter does not exceed said predetermined threshold.

28. (currently amended) The television signal receiver ~~(100)~~ of claim 21, wherein said signal parameter includes amplitude.

29. (currently amended) The television signal receiver ~~(100)~~ of claim 21, wherein said predetermined threshold varies based on signal source.

30. (currently amended) The television signal receiver ~~(100)~~ of claim 21, wherein said predetermined threshold varies based on signal modulation.